

Amendments to the Specification:

Please replace the paragraph, beginning at page 4, line 8, with the following rewritten paragraph:

Centrifugal pump 133 is formed at a lower end of main shaft 123, and opens into lubricant 103. A thinner section 135 having a smaller diameter than that of main shaft 123 is formed at a part of main shaft 123. Forward leading groove 137 and reverse leading groove 139, having a lead directed oppositely to that of forwarding leading groove 137, are engraved on the outer wall of main shaft 123. Circumferential notch 197 is also formed in the outer wall of main shaft 123. Entire rounding section of the upper end of bearing 121 is chamfered, and annular lubricant groove 141 is formed between the chamfered section of bearing 121 and the circumferential notch 197 of main shaft 123.

Please replace the paragraph, beginning at page 5, line 16, with the following rewritten paragraph:

The lubricant transported in annular lubricant groove 141 is pushed to an outer rim section 198 of annular lubricant groove 141 by the centrifugal force, and the outer rim 198 defined in part by the chamfered section of the bearing 121. The lubricant is then raised through vertical hole 143 communicating with the outer rim section 198 of annular lubricant groove 141, thereby lubricating sliding sections such as connecting rod 131 and piston 129. Parts of the lubricant are discharged from an upper end of vertical hole 143 into a space of hermetic container 101. Since vertical hole 143 slants as shown in Fig. 3, centrifugal force is additionally added to the lubricant, so that an amount of the lubricant increases.

Please replace the paragraph, beginning at page 5, line 24, with the following rewritten paragraph:

At this moment, if the lubricant flows into reverse leading groove 139, the lubricant is pushed down by downward force of reverse leading groove 139; however reverse leading groove 139 opens into an inner rim 199 of annular lubricant groove 141, and the inner rim defined in part by the circumferential notch 197 of the main

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shaft 123. The lubricant is then pushed to the outer rim 198 of annular lubricant groove 141 by the centrifugal force, so that little amount of the lubricant flows into reverse leading groove 139.